

CLAIMS

What is claimed is:

1. A storage structure comprising:

a framework defining an interior including a storage space and an opening to the storage space wherein the framework includes a curved contour; and

a closure comprising:

an auxiliary portion which is slidably mounted substantially within the interior of the framework; and

a door panel hingedly connected to the auxiliary portion by means of a hinge portion whereby the door panel is pivotable about the hinge portion from a closed position in which the door panel at least partially covers the opening to an open position, and movable from the open position to a pocketed position in which the door panel is at least partially received within the interior of the framework, wherein the door panel is resiliently deformable to adopt a curved configuration conforming to the curved contour of the framework.

2. The storage structure as claimed in claim 1 wherein the auxiliary portion is in the form of a panel and the auxiliary panel and the door panel are integrally formed.

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2025 FEB 04 4:40 PM

3. The storage structure as claimed in claim 2 wherein the door panel and the auxiliary panel comprise a unitary plastic sheet and the hinge portion is in the form of a living hinge which forms the divide between the door panel and the auxiliary panel.

4. The storage structure as claimed in claim 1 wherein the interior of the storage structure is further provided with a separate cavity adjacent the storage space within which the auxiliary portion is slidably mounted and into which the door panel is movable when in the pocketed position.

5. The storage structure as claimed in claim 4 wherein the cavity is defined by two walls, the inner one relative to the opening defining a hinging edge.

6. The storage structure as claimed in claim 5 wherein the door panel and the auxiliary portion are extendible from the cavity until the hinge is aligned with the hinging edge and a stop is provided to limit the outward travel of the door panel and the auxiliary portion from the cavity.

7. The storage structure as claimed in claim 4 wherein the cavity is substantially rectilinear such that the resiliently deformable door panel is straightened to be received within the cavity.

8. The storage structure as claimed in claim 1 wherein the curved contour of the storage unit is such that the door panel curves convex outwardly in the closed position.

9. A door structure comprising:

a door frame having edge portions of which at least some are curved; and
a flexible door panel in the form of a unitary plastic sheet which is
pivotable between an open configuration and a closed configuration, the door
panel being resiliently deformable from a substantially flat configuration to a
curved configuration corresponding to the curvature of the curved edge portions
of the door frame such that in the closed configuration the door panel is adapted
to adopt the curved configuration and in the open configuration, the door panel
is freely straightenable to the substantially flat configuration.

10. The door structure as claimed in claim 9 wherein the curved edge
portions of the door frame are such that the door panel curves convex outwardly in the
closed configuration.

11. The door structure as claimed in claim 9 wherein the curved edge
portions of the door frame are such that the door panel curves uniformly about an
upright axis in the closed configuration.

12. The door structure as claimed in claim 10 wherein the curved edge
portions of the door frame are such that the door panel curves uniformly about an
upright axis in the closed configuration.

13. The door structure as claimed in claim 9 wherein the curved edge
portions of the door frame comprise the top and bottom edges of the door frame.

14. The door structure as claimed in claim 11 wherein the curved edge portions of the door frame comprise the top and bottom edges of the door frame.

15. The door structure as claimed in claim 9 wherein the door structure is embodied in a storage structure having an internal cavity to receive the door panel.

16. The door structure as claimed in claim 10 wherein the door structure is embodied in a storage structure having an internal cavity to receive the door panel.

17. The door structure as claimed in claim 11 wherein the door structure is embodied in a storage structure having an internal cavity to receive the door panel.

EXHIBIT 100-0224007

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